



National Agricultural Statistics Service
Michigan Statistical Office
Michigan Department of Agriculture

Michigan Crop-Weather



MI-CW2904

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Near Normal Temperatures

Five days were suitable for fieldwork during the week ending July 18, according to the USDA-NASS-Michigan Statistical Office. Warmer temperatures and sunshine in many areas of the State aided crop progress over the week. Several districts continued to report dry conditions, and some growers had commenced irrigating. Precipitation amounts ranged from 0.39 inches in the western Upper Peninsula to 1.87 inches in the south central Lower Peninsula. Some farmers reported scattered and locally intense storms during the week. Temperatures ranged from 2 degrees below normal in the southwest Lower Peninsula to 1 degree above normal in the central Lower Peninsula, with five districts reporting normal temperatures. A reporter in the west central noted, "We had a good week for a change. Some sun and warm temperatures really helped the crops." A farmer in the southwest agreed, "It seemed the corn tasseled overnight. With a bit of heat and some rain, it really took off."

Field Crops

Warm, wet weather across the State advanced the maturity of many crops at a normal pace. Some areas received rain and hail while others received sunshine and warm temperatures. First cutting of **hay** in the north was wrapping up, while in the south the second cutting continued. Farmers were still reporting uneven stands in the **corn** crop. Some corn had tasseled at three feet in height. **Soybeans** were short and behind schedule due to the lack of sunshine and heat. A cyst nematode problem were very noticeable in the soybean crop. **Wheat** harvest was underway and vomitoxin continued to be a concern. Spraying of cercospora leafspot began for disease problems in **sugarbeets**. **Dry beans** looked good but need sunshine.

Fruit

In the southwest, cedar apple rust appeared in some **apple** plantings. Growers continued to see the advance of fire blight symptoms. Apples continued to size well in the southeast. Most Red Delicious were in the 2-inch range, and many other varieties were in the 2.25 to 2.5 inch range. In the northwest, apple pest pressure has been quite low this season. Southwest **tart cherry** harvest neared completion. In the southeast, harvest was more than half complete. Light amounts of brown rot showed up. Growers continued harvesting tart cherries in the west central. The fruit looked good. In the southwest, **sweet cherry** harvest finished, with good quality except for some rain cracking and brown rot. Birds have been aggressively feeding on sweet cherries in the southeast. In the west central, harvest was ongoing. Splitting of fruit has been minimal despite rainfall during harvest. Sweet cherry harvest got underway in the northwest. **Peaches** were being harvested in the southwest. Their size was excellent. Split pits were common in early varieties due to rapid fruit growth during pit hardening. In the southeast, most peaches were near 2.5 inches in diameter. Peaches have colored extremely well, and growers were picking early varieties. Statewide, 5 percent of the crop has been harvested. **Pears** continued to size well in the southwest, with most around 1.5 inches in diameter. **Blueberry** harvest began in the southwest and southeast.

Vegetables

Warmer weather helped vegetables grow and moved many early vegetable crops into harvest. Across the State, farmers harvested a wide variety of vegetables. In the southwest, growers harvested fresh market **radishes**, **lettuce**, **celery** and **peas**, while in the southeast, harvest of **cabbage**, **broccoli** and pickling **cucumbers** moved along. **Zucchini** harvest continued in the southwest and southeast. Plants were blooming in the west central. Early planted **snap beans** were harvested in several districts. Some second plantings were completed on double cropped acres. May planted beans in the southeast were coming along quickly. Growers in the west central expected to get started on late plantings within the next week. Early planted and plasticulture **sweet corn** harvest was underway in several areas. Later plantings made nice progress over the week. Some corn borers were found. **Potato** growers reported some leafhopper pressure. Farmers reported good **carrot** development and continued to scout and treat for leafhoppers and cercospora. Harvest of tunnel grown **cantaloups** was expected to begin soon in the southwest. **Peppers** in tunnels were also near harvest in the southwest. The increased sun and warmer temperatures over the week helped **tomatoes** make good progress. In the southeast, **onions** were bulbing.

Soil moisture for week ending 07/18/04

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	1	17	71	11
Subsoil	1	12	75	12

Crop condition for week ending 07/18/04

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All Hay	2	4	28	51	15
Barley	1	13	34	50	2
Corn	5	14	28	36	17
Dry beans	3	6	30	51	10
Oats	4	12	32	43	9
Pasture	1	6	31	47	15
Soybeans	3	10	30	42	15
Winter Wheat	3	9	41	35	12

Crop progress for week ending 07/18/04

Crop	This week	Last week	Last year	5-year average
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>
Corn, height	44	30	43	48
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All hay, first cutting	91	89	99	97
All hay, second cutting	27	13	44	41
Blueberries, harvested	15	1	17	NA
Corn, silked	19	2	2	14
Dry beans, blooming	8	0	7	11
Oats, headed	93	91	91	97
Oats, turning yellow	29	15	26	57
Oats, harvested	2	0	0	4
Soybeans, blooming	30	14	38	39
Soybeans, setting pods	5	0	1	5
Tart cherries, harvested	52	28	47	NA
Winter wheat, turning yellow	99	94	99	99
Winter wheat, harvested	25	6	7	48

Michigan Weather Summary for Week Ending 07/18/04 ¹												
Station	Temperature			Cumulative growing degree days ²			Precipitation					
	Maximum	Minimum	Departure from normal	2004	2003	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	82	46		841	960		0.36	0.96	3.08	14.40		
Marquette	81	47		746	936		0.46	1.83	3.78	13.61		
Stephenson	87	48		951	1,130		0.91	1.50	4.98	15.21		
Western UP	87	45	-1	822	968	962	0.39	1.03	3.13	12.57	11.15	3.42
Cornell	87	49		793	1,024		0.83	1.25	2.48	11.68		
Sault St Marie	80	52		627	894		1.69	1.91	3.71	12.15		
Eastern UP	87	42	-1	686	885	794	0.82	1.42	3.49	11.48	10.29	3.19
Beulah	84	55		1,010	1,063		0.11	0.50	2.05	15.61		
Lake City	86	52		1,024	1,039		0.75	0.82	1.92	14.36		
Old Mission	87	51		941	1,017		0.24	0.45	1.44	12.34		
Pellston	85	44		925	1,011		0.76	1.20	1.89	10.31		
Northwest	87	44	0	943	1,002	1,102	0.54	0.80	1.84	12.44	10.06	2.99
Alpena	88	53		952	977		1.90	2.14	3.00	11.44		
Houghton Lake	86	48		1,084	1,123		0.66	0.75	1.55	13.45		
Rogers City	87	53		966	996		1.35	1.62	2.70	11.76		
Northeast	88	46	0	1,023	1,058	1,060	1.24	1.45	2.49	12.55	9.85	3.18
Fremont	84	56		1,241	1,246		0.79	0.84	2.56	13.81		
Hart	82	55		1,129	1,134		0.52	0.62	3.30	16.00		
Muskegon	81	57		1,239	1,241		0.32	0.43	3.11	17.17		
West Central	88	53	0	1,174	1,180	1,219	0.51	0.59	2.85	17.24	10.26	2.54
Alma	86	54		1,335	1,252		0.82	0.89	2.68	15.17		
Big Rapids	86	52		1,248	1,172		1.13	1.46	3.46	15.74		
Central	86	52	1	1,302	1,211	1,280	0.93	1.07	2.95	15.79	10.97	2.97
Bad Axe	87	59		1,171	1,036		0.73	1.88	3.50	14.66		
Pigeon	89	59		1,159	1,075		0.34	0.70	2.60	15.29		
Saginaw	86	56		1,317	1,208		0.32	0.73	2.48	13.85		
Standish	89	55		1,163	1,091		0.62	0.91	2.23	14.30		
East Central	89	55	0	1,174	1,112	1,264	0.46	1.18	2.93	14.78	9.99	2.92
Fennville	84	55		1,309	1,224		0.12	0.38	2.65	12.54		
Grand Rapids	86	57		1,522	1,286		0.07	0.16	3.30	16.90		
Holland	84	56		1,348	1,236		0.23	0.28	2.70	11.05		
South Bend, IN	86	58		1,627	1,397		0.95	1.27	3.08	15.05		
Watervliet	85	57		1,433	1,274		0.33	2.14	4.27	16.13		
Southwest	88	53	-2	1,434	1,297	1,378	0.43	0.99	3.56	15.43	11.74	3.09
Belding	85	54		1,360	1,224		2.76	4.26	5.77	17.60		
Coldwater	84	53		1,399	1,262		2.95	5.97	7.90	16.37		
Lansing	85	52		1,432	1,285		1.15	1.84	3.27	16.43		
South Central	86	52	-1	1,427	1,297	1,371	1.87	3.15	4.55	16.72	11.49	3.22
Detroit	89	60		1,569	1,413		0.82	1.25	1.73	13.19		
Flint	84	55		1,480	1,332		0.50	1.80	2.90	13.41		
Romeo	89	59		1,419	1,223		0.66	4.52	5.53	17.71		
Tipton	86	57		1,423	1,270		0.17	1.98	2.35	13.87		
Toledo, OH	90	58		1,660	1,428		0.47	0.74	1.01	10.51		
Southeast	90	54	0	1,461	1,340	1,342	0.97	2.17	3.26	14.90	11.25	3.11

¹ Issued by the Federal/State Michigan Agricultural Statistics Service in cooperation with the U.S. Department of Commerce, Michigan State University's Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.

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